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**Marshall and Hurst's Practical Zoology.**<sup>5</sup>—The fourth edition of this work being called for, the work of revising and editing it has devolved upon Mr. Hurst, to bring the work up to date numerous changes have been made, the most important of which, perhaps, are in the chapter on Amphioxus.

The work as originally written was intended to give the junior students of Owens College, Manchester, England, a practical acquaintance with animal morphology, and the present revised edition will be found a useful laboratory text book for any one who wishes to acquire an insight into the leading facts of Animal structure, and a technical knowledge of the principal methods of research.

The illustrations are intentionally few, as it is expected that the student will make drawings from his own dissections. These are, however, of excellent quality.

Works of this class are of utility in the laboratory, but they do not take the place of general text books as guides to the larger problems of zoology.

**Elementary Lessons in Zoology.**<sup>6</sup>—In the hands of a competent teacher this book will be of value in giving a student a fair start in the study of zoology. It is in reality a Laboratory Manual. Four simple types of animal structure are given to familiarize the student with the meaning of the terms, *cell*, *protoplasm*, *tissue*, *differentiation*, *sexuality*, etc. Considerable attention is given to insects; then follow in turn common forms of Crustaceans, Worms, Molluscs and Vertebrates. The study of the animal alive, and in its biological relation to its environment, is made a prominent feature. To this end methods of observation are given with suggestions as to the facts to be ascertained. In this way the student acquires a practical knowledge of the life histories of the animals studied.

An appendix contains directions for the preparation of material for study.

The illustrations are intended as guides to identification, and in a very general way, they answer the purpose.

**Chats about British Birds.**<sup>7</sup>—The depiction of bird life in this volume is quite a vivid and interesting as was that of insect life, by

<sup>5</sup> A Junior Course in Practical Zoology. By A. Milnes Marshall and C. Herbert Hurst. Fourth Edition revised by Mr. Hurst. New York, 1895. G. P. Putnam's Sons.

<sup>6</sup> Elementary Lessons in Zoology. By James G. Needham. New York, 1895. American Book Co.

<sup>7</sup> Chats about British Birds. By J. W. Tuft, London, Geo. Gill & Sons.